BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2021-22/OW/WORK_INDENT49265

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/11/2021-22, Date: 15-12-2021

Name of Work:Improvements to roads and drains at Thindlu and Kodigehalli Surrounding areas in ward No. 09 Vidyaranyapura

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Subbareddy K V ( )	
				In Figures	In Words
1	649.51	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	217.56	Rupees Two Hundred Seventeen and Fifty Six Paise Only
2	1952.64	Removing and refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of the Engineer in charge.	Sqm	116.64	Rupees One Hundred Sixteen and Sixty Four Paise Only
3	358.56	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per specifications and directions of the Engineer in charge.	Sqm	777.62	Rupees Seven Hundred Seventy Seven and Sixty Two Paise Only
4	129.6	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per specifications and directions of the Engineer in charge.	Sqm	1013.12	Rupees One Thousand Thirteen and Twelve Paise Only
5	39.43	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.	Cum	6082.38	Rupees Six Thousand Eighty Two and Thirty Eight Paise Only
6	86.35	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specifications and directions of the Engineer in charge.	Cum	8100.69	Rupees Eight Thousand One Hundred and Sixty Nine Paise Only
7	5.4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.	tonne	94944.69	Rupees Ninety Four Thousand Nine Hundred Forty Four and Sixty Nine Paise Only
8	435	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specifications and directions of the Engineer in charge. (Data Rate)	Sqm	2014.26	Rupees Two Thousand Fourteen and Twenty Six Paise Only
9	17.88	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete as per specifications and directions of the Engineer in charge. (Data Rate)	Sqm	5678.06	Rupees Five Thousand Six Hundred Seventy Eight and Six Paise Only
10	18.96	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge	Cum	6576.08	Rupees Six Thousand Five Hundred Seventy Six and Eight Paise Only
11	379.2	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and directions of the Engineer in charge	Sqm	1026.45	Rupees One Thousand Twenty Six and Forty Five Paise Only

Signature of Contractor

Executive Engineer

Name of Work:Improvements to roads and drains at Thindlu and Kodigehalli Surrounding areas in ward No. 09 Vidyaranyapura

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Subbareddy K V ( )	
				In Figures	In Words
12	85.17	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge	Cum	58.96	Rupees Fifty Eight and Ninety Six Paise Only
13	3111	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and directions of the Engineer in charge	Sqm	43.32	Rupees Forty Three and Thirty Two Paise Only
14	3363	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge	Sqm	6.67	Rupees Six and Sixty Seven Paise Only
15	36.96	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and directions of the Engineer in charge	Cum	2090.68	Rupees Two Thousand Ninety and Sixty Eight Paise Only
16	821.7	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge	Cum	2097.34	Rupees Two Thousand Ninety Seven and Thirty Four Paise Only
17	3738.79	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge	Sqm	35.55	Rupees Thirty Five and Fifty Five Paise Only
18	186.94	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Cum	7091.86	Rupees Seven Thousand Ninety One and Eighty Six Paise Only
19	1107.9	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge	Sqm	5.55	Rupees Five and Fifty Five Paise Only
20	4470.9	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge	Sqm	13.33	Rupees Thirteen and Thirty Three Paise Only
21	178.84	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and directions of the Engineer in charge	Cum	10481.15	Rupees Ten Thousand Four Hundred Eighty One and Fifteen Paise Only
22	178.05	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge	Sqm	476.57	Rupees Four Hundred Seventy Six and Fifty Seven Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore- 92